Sesang Kim

Coder/Technologist (knowledgeable in Tech / IT / IS)

A creative person Interested in IT and technology who has diverse development abilities and desires to learn more. Please refer to my github for the detailed activity.

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🖱 aquatic-avocado-034.notion.site/Hello-World-Kim-85cedbf2d0f54cc199316a535777e234

EDUCATION

University Yr3 Student, Department of System Management Engineering, Majoring in Technology Service Engineering
Pukyong National University

03/2017 - Present   *Busan, South Korea*

Courses

- Learned programming theory and practice using Java and Python languages & developed apps through Android Studio.
- Learned the optimal solution of systems in terms of industrial engineering.
- Learned the theory of machine learning, deep learning and AI & practiced predictive models.
- Learned basic statistics, system modeling and simulation implementation.

Fundamentals of Data Science Course
The Southampton Data Science Academy

01/2021 - 02/2021   *Southampton, England (Online)*

Courses

- Python Technologies.
- Statistics and Machine Learning analyze.
- Data Collection and Management.
- Data Visualisation.

WORK EXPERIENCE

Big Data Intern
National Information Society Agency, Busan Foundation For International Cooperation

07/2021 - Present   *Busan, South Korea*

Achievements/Tasks

- Development of a model for predicting the number of foreign civil complaints using machine learning.
- Development of category classification model for foreign civil complaints using natural language processing.
- Statistically exploring support policy planning, Using the data on the number of foreigners by year in Busan and the number of categories and civil complaint handling methods by nationality.

CERTIFICATES

Advanced Data Analytics Semi-Professional (08/2021 - Present)

SKILLS

Python   JAVA   C#   Unity3D   R

Android Studio   Adobe Photoshop   Final Cut Pro

Sketch   Figma   Q-gis

PROJECTS

Pukyong National University Cafeteria Application Creation Project (09/2020 - 01/2021)
- Developing PKNU Cafeteria application using Android Studio.
- https://github.com/worldpapa/RunningCircle

Public Big Data Youth Internship Project (05/2021 - 08/2021)
- Analysis and modeling of the optimal location for the introduction of non-combustible garbage collection boxes.
- https://github.com/worldpapa/dataintern

Untact Kiosk, AirClick Project (06/2021 - Present)
- Untact kiosk production using lip motion and Unity3D.
- https://github.com/worldpapa/AirClick

Dacon AI Contest To Predict The Price Of Agriculture (08/2021 - 11/2021)
- Predict the price of agricultural products with the LSTM model using the residual of the decomposition time series.
- https://github.com/worldpapa/Nongsan
- Excellence Award.

BFIC Foreign Civil Complaint Demand Prediction Modeling (09/2021 - 10/2021)
- Create a model that predicts one month after each time zone using random forest.
- https://github.com/worldpapa/dataintern_DemandPrediction

BFIC Inquiry Content Category Classification Modeling (10/2021 - 11/2021)
- Create a classification model for Prediction categories by processing natural language Using LSTM.
- https://github.com/worldpapa/dataintern_CategoryClassification

Dacon Joiss Marine Science Big Data Competition (09/2021 - 11/2021)
- predict COD Using ML and select special management areas.
- https://github.com/worldpapa/joiss
- Excellence Award.

Stock Closing Price Prediction Project (11/2021 - 11/2021)
- Predict stock price though XGBoost model using Covid-19 data.
- https://github.com/worldpapa/stockprice

AIfactory EWP Power Generation Big Data Competition (11/2021 - Present)
- Wind power output prediction for participation in power generation forecasting system through data analysis.
- https://github.com/worldpapa/ewp_windpower
- Encouragement Award.